



CONSTRUCTION EQUIPMENT

19096 VOLVO A45G 353355 - TRANSMISSION (AUTO)



Sample No: VCP426886
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 19096



SAMPLE INFORMATION

Sample Number	VCP426886	VCP425626	---	---
Sample Date	07 Jul 2023	03 Apr 2023	---	---
Machine Hours	946	558	---	---
Oil Hours	946	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

GAINES & CO
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OIL CONDITION

Visc @ 40°C	cSt	28.0	27.8	---	---
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CONTAMINATION

Silicon	ppm	15	17	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	5	3	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	29	28	---	---
Copper	ppm	11	10	---	---
Lead	ppm	0	0	---	---
Tin	ppm	1	<1	---	---
Aluminum	ppm	12	10	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	2	1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	72	76	---	---
Magnesium	ppm	2	10	---	---
Zinc	ppm	1	9	---	---
Phosphorus	ppm	197	201	---	---
Barium	ppm	0	0	---	---
Boron	ppm	83	81	---	---

Depot: GAIKNI
Unique No: 10552888
Signed: Sean Felton
Report Date: 14 Jul 2023



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GRAPHS

